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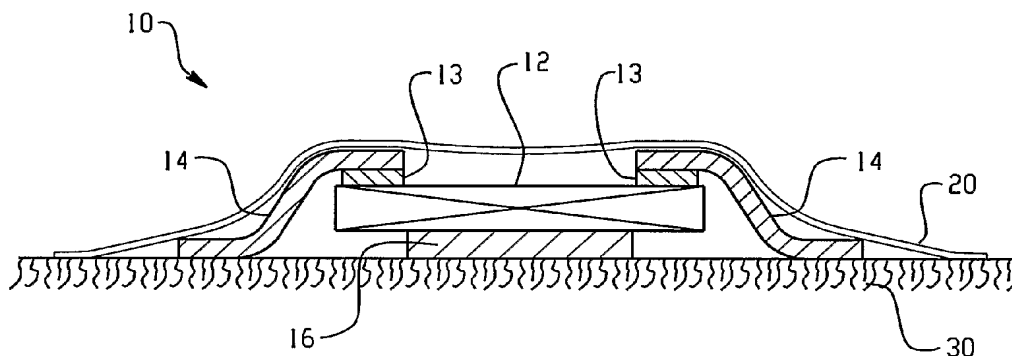
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(54) Title: WEARABLE WIRELESS DEVICE FOR MONITORING, ANALYZING AND COMMUNICATING PHYSIOLOGICAL STATUS



(57) Abstract: A wearable compact, lightweight, noninvasive, wearable "unified" device or system (10), that does not compromise a user's motion and flexibility, detects, processes, analyzes and reports predetermined physical states of a human body. The system includes at least one pair of sense electrodes (14) and one reference electrode (16), each configured to be adhesively attached to a surface of the body (30). An electronics module (12) is in electrical communication with each of the electrodes, includes a power source, and processes and analyzes signals provided by the electrodes. The plurality of electrodes and the electronics module are covered by a single adhesive membrane (20) that enables the wearable device to adhere to the surface of the body.

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